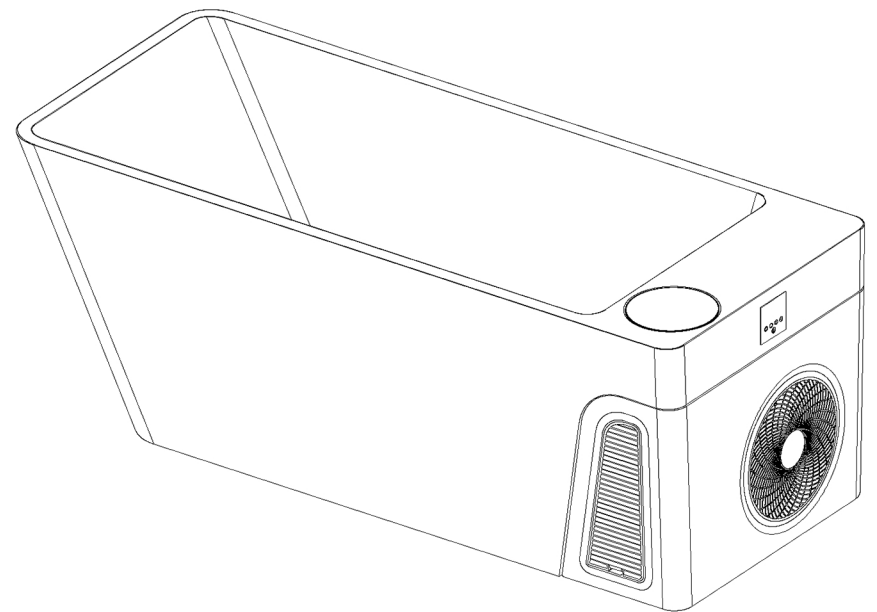


Operating Instructions

EMPV-77CLF53



Warnings

1. Protection for use: Do not use the chiller in environments that is too cold (below 7°C/45°F) or too hot (above 40°C/104°F) to avoid chiller failure or damage.
2. Frost protection: When the ambient temperature is lower than 2 °C/36°F, empty the water in the chiller. Otherwise, the cold water will freeze and crack.
3. Routine maintenance: It is recommended to clean the filter at least once a month.
4. Ventilation requirement: Especially for indoor use, attention should be paid to ventilation with the outdoors. Otherwise, the cooling efficiency may be reduced.
5. Hypothermia Warning: Prolonged exposure to cold water may result in hypothermia. If symptoms such as strong tremors, difficulty sleeping, speaking, weakened motor function, muscle stiffness, skin turning blue, or irregular heartbeat occur, stop use immediately and seek emergency

Specification Parameters

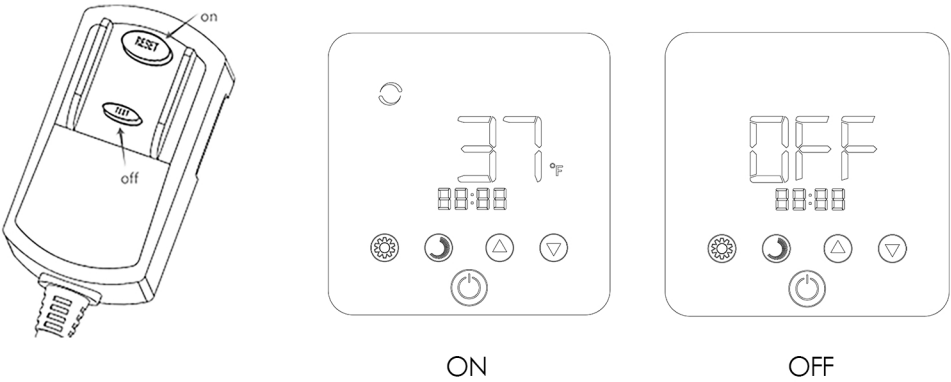
Item		Model	All in tub-110V
Cooling capacity ①		kW	3
Power voltage		V/Hz	100-120V/60Hz
Power consumption ①		kW	1.19
MAX current ①		A	12
System MAX pressure ①		MPa	4.5
Temperature Setting Range ①		°C/°F	3~30°C / 37~86°F
Operating Ambient Temperature		°C/°F	7~40°C / 45~104°F
Water pump	Power	kW	0.120
	Flow rate	L/H	3800
	Water head	m	12
Air volume (@40Pa)		m³/h	1750
Noise (1 meter)		dB(A)	68
R32 charge amount		g	300
Dimension	Length	in	76.70
	Width	in	31.50
	Height	in	28.00
①Air temperature: 23°C/73°F ; Inlet water temperature: 15°C/59°F			

Operating instructions

1. Display panel

	Automatic mode (automatically switch cooling/heating mode according to the set water temperature)		"-"key
	Mode key/lock key		On/Off key
	WiFi		Fault
	Defrost		Lock key
	Sterilization		Clock
	Timing key		Fan
	"+"key		

2. Switch on and off



3. Set water temperature

In the power-on state, press “” key or “” key to adjust the set water temperature value.

When the water temperature value flashes, the set water temperature is displayed.

When the water temperature value is always on, the current real-time water temperature is displayed.

4. Key lock

If there is no input operation on the unit for 60 consecutive seconds, the remote control display screen will enter sleep mode, the screen will be automatically locked, and the screen “” icon will light up.

On the main interface, in unlocking state, long press the “” button for 3 seconds, the buzzer beeps once, and the manual lock is performed, and the “” icon lights up.

In the locked state, press and hold the “” button for 3 seconds, the buzzer will beep once, the lock is released, and the “” icon turns off.

5. Fahrenheit/Celsius switch

On the main interface, press and hold “” + “” for 3s at the same time.

6. WiFi connection

- Turn on the Bluetooth  and WIFI  on your phone, WIFI  access to the network.

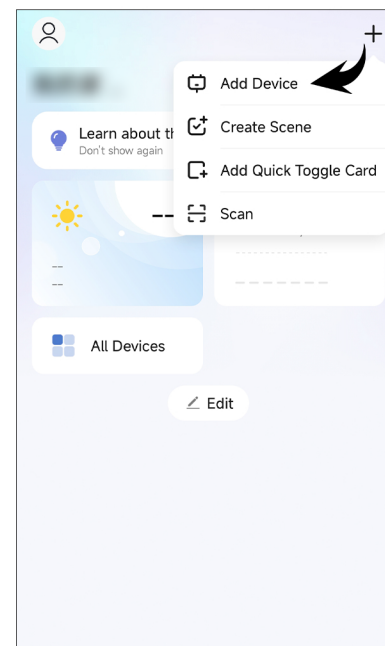
- Scan the QR code to download the Smart Life APP and register an account (For APP operation instructions, please refer to the link:

<https://developer.tuya.com/en/docs/iot/user-manual-for-tuya-smart-v3177?id=K9obrofrk4sk>)

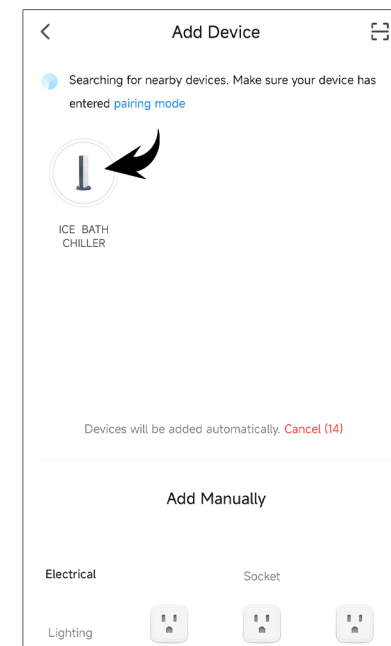


- Turn on WIFI of the chiller: Press "  " key + "  " key for 3 seconds to enter quick connect mode. The WiFi icon "  " on the main interface flashes quickly.

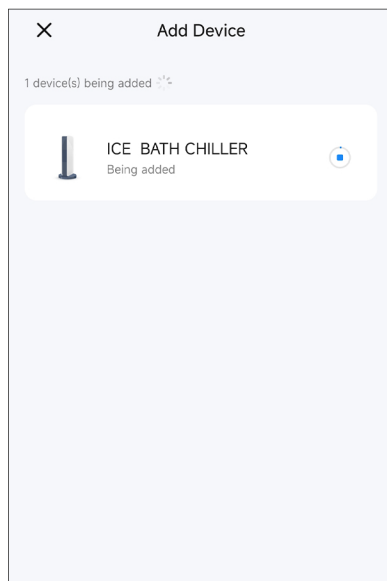
- Open the APP, add Device and match the chiller, the steps are as follows:



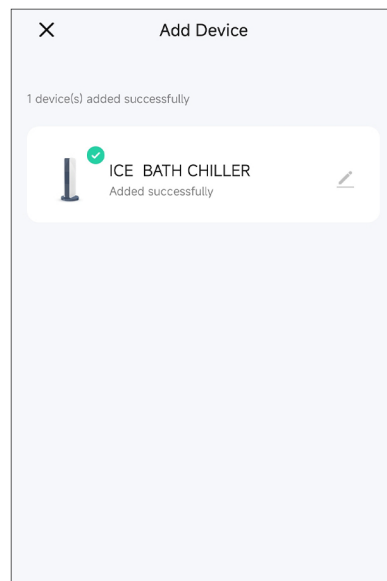
Step 1



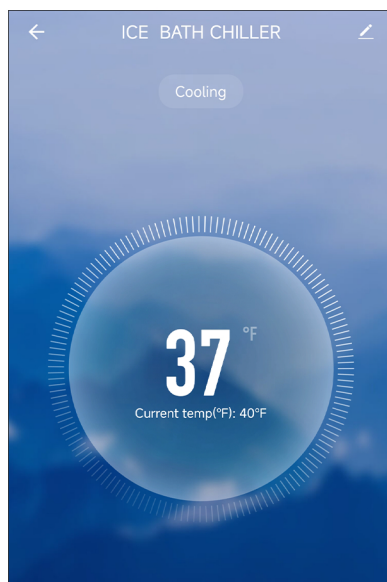
Step 2



Step 3



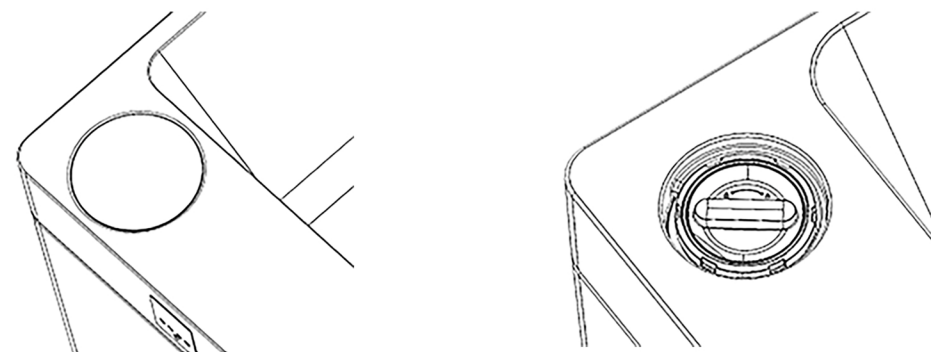
Step 4



Step 5

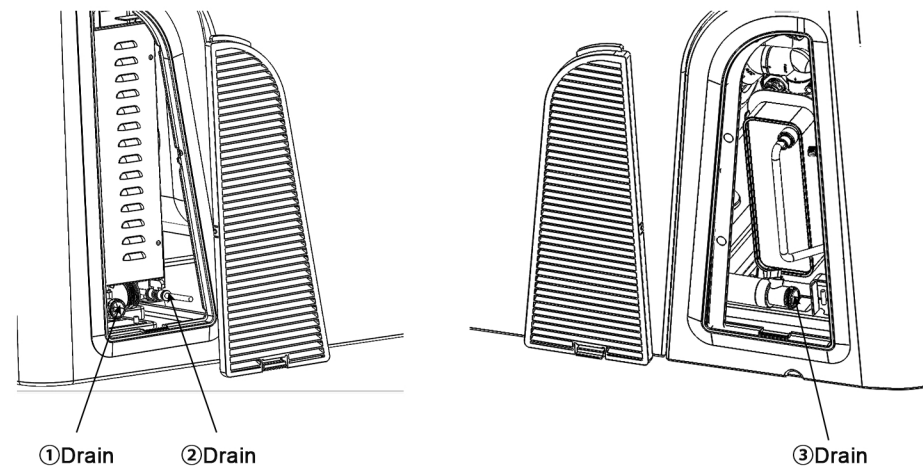
7. Filter element replacement

Open the round cover at the top and unscrew the filter barrel cover to replace the filter element.



8. Drain

- 1) During normal use, please open drain port ① or ③ for drainage.
- 2) When the ambient temperature is lower than 2°C/36°F, the ①②③ drain outlets will be opened at the same time to ensure that all water inside the machine is drained.



Warranty Coverage

1. Replacement of parts due to manufacturing or material defects.
2. Product failure under normal use, A dated receipt is required for a valid-warranty claim. Warranty service is available within the warranty period. The warranty period for this product is 1 year starting from the date of purchase.

Warranty Invalidation

1. Damage caused by improper use, human error, or incorrect repair by non-professionals.
2. Problems occurring after the warranty period or due to improper use or maintenance.

Online Guidance

Please scan the QR code to obtain the instructional video on the operation and maintenance of the chiller.



After-Sales and Technical Support

For any product-related after-sales consultation or technical assistance, please contact us via email at: **support@empava.com**

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